

Project Title	Funding	Strategic Plan Objective	Institution
Genetic basis of autism	\$3,332,095	Q3.L.B	Cold Spring Harbor Laboratory
Gene-environment interactions in an autism birth cohort	\$3,183,066	Q3.L.D	Columbia University Health Sciences
Autism Genetic Resource Exchange (AGRE)	\$1,615,308	Q7.D	Autism Speaks (AS)
Autism Treatment Network (ATN)	\$1,028,052	Q7.N	Autism Speaks (AS)
2/2-Effects of parent-implemented intervention for toddlers with autism spectrum	\$866,055	Q4.S.D	Weill Cornell Medical College
Social determinants of the autism epidemic	\$796,950	Q3.L.D	Columbia University
Defining cells and circuits affected in autism spectrum disorders	\$669,298	Q2.Other	The Rockefeller University
SFARI Conferences, Workshops & Events	\$579,228	Q7.Other	N/A
Taste, smell, and feeding behavior in autism: A quantitative traits study	\$570,508	Q2.Other	University of Rochester
Bioinformatics support for AGRE	\$550,514	Q7.D	Autism Speaks (AS)
Sensory processing and integration in autism	\$550,283	Q2.Other	Albert Einstein College of Medicine of Yeshiva University
Identifying therapeutic targets for autism using SHANK3-deficient mice	\$483,773	Q4.S.B	Mount Sinai School of Medicine
Autism Tissue Program (ATP)	\$470,603	Q7.D	Autism Speaks (AS)
Engrailed genes and cerebellum morphology, spatial gene expression and circuitry	\$470,003	Q2.Other	Memorial Sloan-Kettering Cancer Center
High-throughput DNA sequencing method for probing the connectivity of neural circuits at single-neuron resolution	\$430,650	Q2.Other	Cold Spring Harbor Laboratory
Glial control of neuronal receptive ending morphology	\$418,275	Q2.Other	Rockefeller University
Molecular analysis of bipolar and schizophrenia candidate genes	\$408,400	Q3.S.J	Albert Einstein College of Medicine of Yeshiva University
Dysregulation of mTOR signaling in fragile X syndrome	\$403,767	Q2.S.D	Albert Einstein College of Medicine of Yeshiva University
2/3-Multisite RCT of early intervention for spoken communication in autism	\$392,336	Q4.S.F	University of Rochester
Allelic choice in Rett syndrome	\$390,481	Q2.S.D	Winifred Masterson Burke Medical Research Institute
Molecular components of A-type K <sup>+</sup> channels	\$363,366	Q2.S.E	New York University School of Medicine
Neural basis of behavioral flexibility	\$360,214	Q2.Other	Mount Sinai School of Medicine
16p11.2: defining the gene(s) responsible	\$350,000	Q4.S.B	Cold Spring Harbor Laboratory
Cognitive mechanisms of serially organized behavior	\$346,928	Q2.Other	Columbia University
Characterizing ASD phenotypes by multimedia signal and natural language processing	\$339,498	Q1.L.C	Columbia University
Aberrant synaptic form and function due to TSC-mTOR-related mutation in autism spectrum disorders	\$300,000	Q2.S.D	Columbia University
Investigating the effects of chromosome 22q11.2 deletions	\$300,000	Q4.S.B	Columbia University

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Evaluating the impact of early intervention services on young children with autism spectrum disorders and their families: A state systems approach	\$300,000	Q5.S.C	Health Research, Inc./New York State Department of Health
3/3-Atomoxetine placebo and parent training in autism	\$274,428	Q4.S.F	University of Rochester
Simons Simplex Collection Site	\$260,000	Q3.L.B	Columbia University
Project I-CARE: Culturally Aligned and Responsive Early Intervention.	\$250,000	Q5.L.C	Queen's College (City University of New York)
3/5-Randomized trial of parent training for young children with autism	\$239,726	Q4.S.D	University of Rochester
CNS toxicity of ambient air pollution: Postnatal exposure to ultrafine particles	\$229,433	Q2.S.A	University of Rochester
Metacognition in comparative perspective	\$210,896	Q2.Other	University at Buffalo, The State University of New York
Canonical neural computation in autism spectrum disorders	\$200,717	Q2.Other	New York University
Neurexin-neuroligin trans-synaptic interaction in learning and memory	\$200,000	Q2.Other	Columbia University
Genomic imbalances at the 22q11 locus and predisposition to autism	\$200,000	Q4.S.B	Columbia University
Preparing teachers to teach children with autism & developmental disabilities	\$199,523	Q5.Other	Bank Street College of Education
Personnel to serve students with autism and significant cognitive disabilities	\$199,477	Q5.Other	Pace University
Cochlear efferent feedback and hearing-in-noise perception in autism	\$186,794	Q2.Other	University of Rochester
The role of SHANK3 in autism spectrum disorders	\$180,000	Q4.S.B	Mount Sinai School of Medicine
Translational developmental neuroscience of autism	\$164,718	Q1.L.B	New York University School of Medicine
Simons Foundation Simplex Project Collection Site	\$159,775	Q3.L.B	Weill Cornell Medical College
Sensory integration and language processing in autism	\$149,435	Q1.L.C	University of Rochester
Autism Treatment Network (ATN) 2011- University of Rochester	\$140,000	Q7.N	University of Rochester
Simons Variation in Individuals Project (VIP) Statistical Core Site	\$131,768	Q2.S.G	Columbia University
The pathogenesis of autism: Maternal antibody exposure in the fetal brain	\$93,500	Q2.S.A	The Feinstein Institute for Medical Research
Social behavior deficits in autism: Role of amygdala	\$92,074	Q2.Other	State University of New York Upstate Medical Center
Autism spectrum disorder and autoimmune disease of mothers	\$91,480	Q3.S.E	The Feinstein Institute for Medical Research
Investigation of social brain circuits in mouse models of the 16p11.2 locus	\$87,500	Q2.Other	Cold Spring Harbor Laboratory
The integration of interneurons into cortical microcircuits	\$75,000	Q2.Other	New York University School of Medicine

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Systematic analysis of neural circuitry in mouse models of autism	\$74,991	Q4.S.B	Cold Spring Harbor Laboratory
Multi-registry analyses for iCARE - Data Management Core	\$72,160	Q3.S.H	Columbia University
Dynamics of cortical interactions in autism spectrum disorders	\$60,000	Q1.L.A	Cornell University
Genetic rescue of fragile X syndrome in mice by targeted deletion of PIKE	\$60,000	Q2.S.D	Albert Einstein College of Medicine of Yeshiva University
The role of mTOR inhibitors in the treatment of autistic symptoms in symptomatic infantile spasms	\$60,000	Q2.S.E	Albert Einstein College of Medicine of Yeshiva University
Role of RAS/RAF/ERK pathway in pathogenesis and treatment of autism	\$51,640	Q4.S.B	New York State Institute for Basic Research in Developmental Disabilities
Simons Variation in Individuals Project (Simons VIP) Principal Investigator Gift	\$48,731	Q2.S.G	Columbia University
Baby Siblings Research Consortium	\$45,000	Q1.S.B	Autism Speaks (AS)
Multisensory integration and temporal synchrony in autism	\$35,100	Q2.Other	University of Rochester
Cognitive usability evaluation of the SFARI system	\$33,054	Q7.O	Columbia University
Role of cadherin-8 in the assembly of prefrontal cortical circuits	\$31,188	Q4.S.B	Mount Sinai School of Medicine
Social cognition in 22q11.2 deletion syndrom (DS) adolescents with ASD vs. without ASD: Imaging and genetic correlates	\$28,000	Q2.S.G	State University of New York Upstate Medical Center
Advanced parental age and autism: The role of aneuploidy and uniparental disomy in ASD pathogenesis	\$28,000	Q3.S.A	Albert Einstein College of Medicine of Yeshiva University
Outcome Measures for Clinical Trials with Individuals with ASD: Challenges and Opportunities	\$26,000	Q4.S.E	N/A
Role of neurexin in the amygdala and associated fear memory	\$25,000	Q2.Other	Columbia University
Neuroprotective effects of oxytocin receptor signaling in the enteric nervous system	\$25,000	Q2.Other	Columbia University
Autism Treatment Network (ATN) 2011- Columbia University	\$25,000	Q7.N	Columbia University
Simons Variation in Individuals Project (VIP) Principal Investigator	\$20,272	Q2.S.G	Columbia University
Dissertation research: Translating diagnoses across cultures: Expertise, autism, and therapeutics of the self in Morocco	\$14,510	Q1.Other	Columbia University
Multidimensional impact of pain on individuals and family functioning in ASD	\$13,000	Q2.Other	The Research Foundation of the State University of New York

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To study the relationship between myeloperoxidase (MPO) deficiency and probiotic therapy in autistic children	\$11,890	Q4.S.C	Hartwick College
Randomized clinical trial of mind reading and in vivo rehearsal for children with HFASDs	\$10,000	Q4.S.F	Canisius College
Writing instruction for children with autism spectrum disorders: A study of self-regulation and strategy use	\$9,723	Q4.S.C	University at Albany, State University of New York
Misregulation of BDNF in autism spectrum disorders	\$0	Q1.L.A	Weill Cornell Medical College
Placental vascular tree as biomarker of autism/ASD risk	\$0	Q1.L.A	Research Foundation for Mental Hygiene, Inc.
CAREER: Enabling community-scale modeling of human behavior and its application to healthcare	\$0	Q1.Other	Cornell University
Social and statistical mechanisms of prelinguistic vocal development	\$0	Q1.Other	Cornell University
Hyperthermia and the amelioration of autism symptoms	\$0	Q2.S.A	Montefiore Medical Center
Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	\$0	Q2.S.A	State University of New York at Potsdam
Systematic characterization of the immune response to gluten and casein in autism spectrum disorders	\$0	Q2.S.A	Weill Cornell Medical College
Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	\$0	Q2.S.A	University of Rochester
Aberrant synaptic function caused by TSC mutation in autism	\$0	Q2.S.D	Columbia University
Gastrointestinal functions in autism	\$0	Q2.S.E	University at Buffalo, The State University of New York
Are neuronal defects in the cerebral cortex linked to autism?	\$0	Q2.Other	Memorial Sloan-Kettering Cancer Center
Alterations in brain-wide neuroanatomy in autism mouse models	\$0	Q2.Other	Cold Spring Harbor Laboratory
CAREER: Integrative behavioural and neurophysiological studies of normal and autistic cognition using video game environments	\$0	Q2.Other	Cornell University
Development of brain connectivity in autism	\$0	Q2.Other	New York School of Medicine
Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	\$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
Excessive cap-dependent translation as a molecular mechanism underlying ASD	\$0	Q2.Other	New York University
Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	\$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	\$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
Vulnerability phenotypes and susceptibility to environmental toxicants: From organism to mechanism	\$0	Q3.S.E	University of Rochester

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Very early behavioral indicators of ASD risk among NICU infants: A prospective study	\$0	Q3.S.H	Institute for Basic Research in Developmental Disabilities
Identification of aberrantly methylated genes in autism: The role of advanced paternal age	\$0	Q3.S.J	Research Foundation for Mental Hygiene, Inc.
Paternal age and epigenetic mechanisms in psychiatric disease	\$0	Q3.S.J	Research Foundation for Mental Hygiene, Inc/NYSPI
Autism Genome Project (AGP)	\$0	Q3.L.B	Autism Speaks (AS)
The transcription factor PLZF: A possible genetic link between immune dysfunction and autism	\$0	Q3.L.B	Memorial Sloan-Kettering Cancer Center
Modeling and pharmacologic treatment of autism spectrum disorders in Drosophila	\$0	Q4.S.B	Albert Einstein College of Medicine of Yeshiva University
Testing the use of helminth worm ova in treating autism spectrum disorders	\$0	Q4.L.A	Montefiore Medical Center
Clinical Trials Network	\$0	Q4.L.A	Autism Speaks (AS)
Development of an intervention to enhance the social competencies of children with Asperger's/high functioning autism spectrum disorders	\$0	Q4.L.D	University at Buffalo, The State University of New York
Spectrum Support Program (SSP): A transition and support program for students with autism spectrum disorders pursuing degrees and careers in STEM fields	\$0	Q6.Other	Rochester Institute of Technology
Autism Celloidin Library	\$0	Q7.D	Mount Sinai School of Medicine
Innovative Technology for Autism	\$0	Q7.K	Autism Speaks (AS)

